

Rocky Mountain MAA Members
October 25, 1989
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Bill Emerson will be putting out a newsletter early next semester. Please send him any news item you have by January 26, 1990. (Department of Mathematics, Metropolitan State College, Denver, CO 80204; Phone (303) 556-3930).

Also, Bill indicated that Professor Ronald Douglas of SUNY at Stony Brook, will be a Distinguished Visiting Professor at Metro. He will be conducting workshops throughout the week of November 6-10. Two items of particular interest are a public lecture on Monday, November 6 at 2:30 entitled "A Changing Mathematics Curriculum" and a Colloquium on Wednesday, November 8 at 10:00 entitled "Operator Theory: A Mixture of Linear Algebra and Calculus." Contact Bill Emerson for more information.

DP/bj

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Littleton, Colorado 80123
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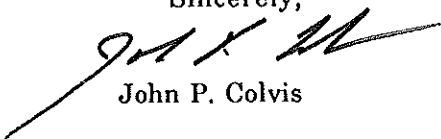
November 3, 1989

William D. Emerson
Department of Mathematics
Metropolitan State College
Denver, Colorado 80204
Bus: (303) 556-3930
Res: (303) 425-0415

Dear Dr. Emerson,

As I mentioned in our telephone conversation today, I've only been a member of the MAA since 1986. In your upcoming Rocky Mountain MAA newsletter, you said you wanted to mention my recently being listed in *American Men & Women of Science*. I have enclosed some supporting material to assist you in deciding how to mention it. Thank you for wanting to mention it.

Sincerely,


John P. Colvis

UNIVERSITY OF WYOMING

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P.O. Box 3036
Laramie, Wyoming 82071-3036
(307) 766-4221

TO: Rocky Mountain MAA Members
FROM: Duane Porter, Section Chairman
DATE: October 25, 1989
RE: Spring Meeting Dates and Other Items

Duane Porter

The dates for the RMAA meeting this spring are Friday and Saturday, April 6 and 7. The meeting will be held at the University of Wyoming in Laramie, Wyoming. We hope you will put these dates on your calendar and plan to attend. The following topics will make up part of the program as either panel discussions or talks.

General Education Courses
Calculus
Industrial and/or Applied Mathematics
Mathematics Education

We will also have a student paper section and hope you will encourage your students, both undergraduate and graduate, to participate.

The program co-chairs for this year are Ben Roth and Les Shader. Please contact them at the Mathematics Department, University of Wyoming, Laramie, WY 82071 if you would like to see other items addressed and/or you would like to be a part of the program in some way. Their phone numbers are Ben Roth (307) 766-5359, Les Shader (307) 766-3351. The more people that can be involved, the better program we should have.

The nominating committee has a lot of work to do this year. The section must elect a Governor, Chair Elect, Vice Chair (two Year College Faculty Member) and a Secretary/Treasurer (Bill Emerson has asked not to continue in this position after his term runs out this year). The nomination committee consists of Dave Roeder (Colorado College), Chairman; George Donovan (Metropolitan State College), and Bill Ramaley (Ft. Lewis College). If you have any suggestions, someone you would like to volunteer, or maybe you would like to volunteer yourself, please contact any committee member. They must have the nomination for Governor to the MAA office in Washington, DC by November 24.

American Men & Women of Science

1989-90 • 17th Edition



A Biographical Directory of Today's Leaders in
Physical, Biological and Related Sciences.

Volume 2 • C-F

R. R. BOWKER
New York

- COLVIN, CLAIR IVAN**, b Clyde, Ohio, Sept 16, 27. PHYSICAL CHEMISTRY. Educ: Ohio Univ, BS, 49; Univ Miami, MS, 61, PhD(phys chem), 63. Prof Exp: Anal chemist, Aluminum & Magnesium, Inc, 51-52 & Nat Carbon-Co, 52-53; instr chem, Racine Exten Ctr, Univ Wis, 53-56; teacher high sch, 56-57; univ fel chem & USPHS grant, Sch Med, Univ Miami, 63-64; from asst prof phys chem to assoc prof chem, 64-70, PROF CHEM & CHMN DEPT, GA SOUTHERN COL, 70. Mem: Am Chem Soc; The Royal Soc Chem. Res: Kinetics of the thermal decomposition of ammonium nitrate in the presence of catalysts; molecular orbital calculations for conjugated organic compounds of biological interest. Mailing Add: Dept of Chem Ga Southern Col Statesboro GA 30458
- COLVIN, DALLAS VERNE**, b Westport, Ore, May 30, 37; m 64. ANIMAL BEHAVIOR, ANIMAL ECOLOGY. Educ: Portland State Univ, BS, 63; Univ Colo, PhD(zool), 70. Prof Exp: Teaching asst biol, Univ Colo, Boulder, 67-68; asst prof, 70-80, ASSOC PROF BIOL, CALIF STATE COL, DOMINGUEZ HILLS, 80. Mem: AAAS; Am Inst Biol Sci; Am Soc Mammal. Res: Behavioral studies of small mammals; analysis and biological bases of ultrasounds used by *Microtus* as a form of communication between neonates and adults. Mailing Add: Dept of Biol Calif State Col Dominguez Hills CA 90246
- COLVIN, HARRY WALTER, JR**, b Schellsburg, Pa, Dec 5, 21; m 50; c 2. PHYSIOLOGY, ANIMAL SCIENCE. Educ: Pa State Univ, BS, 50; Univ Calif, Davis, PhD(comp physiol), 57. Prof Exp: Instr physiol, Okla State Univ, 56-57; from asst prof to assoc prof, Univ Ark, 57-65; from asst prof to assoc prof, 65-75, PROF PHYSIOL, UNIV CALIF, DAVIS, 75. Concurrent Pos: Coun Int Exchange Scholars Fulbright-Hays Award, 72-73, Yugoslavia, 86, Argentina; assoc ed, Hilgardis. Mem: Sigma Xi; AAAS; Am Dairy Sci Assn; Am Soc Animal Sci; NY Acad Sci. Res: Rumen physiology; carbohydrate metabolism in calves; blood coagulation; animal nutrition. Mailing Add: Dept Animal Physiol Univ Calif Davis CA 95616
- COLVIN, HOWARD ALLEN**, b Houston, Tex, June 25, 53; m 78; c 2. CHEMISTRY. Educ: Univ Houston, BS, 75; Georgia Inst Technol, PhD(chem), 79. Prof Exp: sr res chemist, 79-83, prin chemist, 83-88, RES & DEVELOP ASSOC, GOODYEAR TIRE & RUBBER, 88. Mem: Am Chem Soc. Res: Process development and applications of dihydroxybenzenes and derivatives; process development and applications of substituted styrenes; new monomer and polymer synthesis; rubber chemicals research and development. Mailing Add: 534 Elm Ave Tallmadge OH 44278
- COLVIN, ROBERT B**, b Columbus, Ohio, May 7, 42; m 66; c 2. IMMUNOPATHOLOGY, NEPHROPATHOLOGY. Educ: Mass Inst Technol, BS, 64; Harvard Med Sch, MD, 68. Prof Exp: Intern surg, Mass Gen Hosp, 68-69, resident path, 69-72, NIH res fel path, 71-72; major USAMC res, Walter Reed Army Inst Path, 72-75; asst prof, 75-78, ASSOC PROF PATH, MASS GEN HOSP, HARVARD MED SCH, 78. DIR IMMUNOL UNIT, 80. Mem: Am Asn Path; Am Asn Immunol; Int Acad Path; Transplantation Soc; Am Soc Nephrol; Asn Acad Pathologists. Mailing Add: Path Dept Mass Gen Hosp Boston MA 02114
- COLVIS, JOHN PARIS**, b St Louis, MO, June 30, 46; m 76; c 4. MATHEMATICS. Educ: Wash Univ, BS, 77. Prof Exp: assoc engr, 78-81, SR ENGR, MARTIN MARIETTA ASTRONAUTICS GROUP SPACE LAUNCH SYSTEMS CO, 81. Mem: Am Asn Math; AAAS. Res: Quantum postulate. Mailing Add: 4978 S Hoyt St Littleton CO 80123
- COLWELL, GENE THOMAS**, b Chattanooga, Tenn, Aug 3, 37; m 73. THERMODYNAMICS, HEAT TRANSFER. Educ: Univ Tenn, BS, 59, MS, 62, PhD(eng sci), 66. Prof Exp: Res engr, Oak Ridge Nat Lab, 59-62, design specialist, 65-66; instr mech eng, Univ Tenn, 62-65; from asst prof to assoc prof, 66-76, PROF MECH ENG, GA INST TECHNOL, 76. ASSOC DIR DEPT, 76. Concurrent Pos: Eng consult. Mem: Am Soc Mech Engrs; Sigma Xi. Res: Energy engineering; aeronautical and astronomical engineering; gas turbines; turbomachinery. Mailing Add: Dept Mech Eng Ga Inst Technol Atlanta GA 30332
- COLWELL, JACK HAROLD**, b Wooster, Ohio, Dec 29, 31; m 56; c 2. EXPERIMENTAL THERMAL PHYSICS. Educ: Mt Union Col, BS, 53; Purdue Univ, MS, 58; Univ Wash, PhD(chem), 61. Prof Exp: Nat Res Coun Can fel, 61-63; chemist, Cryophysics Sect, 63-73, res chemist, Thermophysics Div, 73-81, PHYSICIST, TEMPERATURE & PRESSURE DIV, NAT BUR STANDARDS, 81. Mem: Sigma Xi; Am Phys Soc. Res: Low temperature calorimetry; properties of molecular crystals, superconductors and magnetic insulators at low temperatures; temperature measurement and temperature scales at very low temperatures. Mailing Add: Temperature & Pressure Div Nat Bur Standards Gaithersburg MD 20899
- COLWELL, JOHN AMORY**, b Boston, Mass, Nov 4, 28; m 54; c 4. INTERNAL MEDICINE, PHYSIOLOGY. Educ: Princeton Univ, AB, 50; Northwestern Univ, MD, 54, MS, 57, PhD(physiol), 68; Am Bd Internal Med, dipl, 62. Prof Exp: Intern med, Med Sch, Western Reserve Univ, 54-55; resident, Northwestern Univ, 55-57 & 59-60; instr, Med Sch, 60-62, assoc, 62-65, from asst prof to assoc prof, 65-71; PROF MED, MED UNIV SC, 71. DIR ENDOCRINOL & METAB, NUTRIT DIV, 72. UNIV RES COORDR, 73. Concurrent Pos: NIH fel, Northwestern Univ, 56-57, Am Diabetes Assn & univ fel, 60-61, NIH res grant, 62-71; clin investr, Vet Admin Res Hosp, Chicago, 61-63, chief sect, 63-71; assoc chief staff res & develop, Vet Admin Hosp, Charleston, 71. Mem: AAAS; fel Am Col Physicians; Am Diabetes Assn; Am Physiol Soc; Endocrine Soc. Res: Insulin secretion, degradation and action in animals and man; selected clinical studies in subjects with disorder of metabolism and endocrinology; platelet function in diabetes. Mailing Add: Dept Med Med Univ SC 171 Ashley Ave Charleston SC 29425
- COLWELL, JOSEPH P**, b Brush, Colo, Mar 16, 29; m 53; c 3. SOLID STATE PHYSICS. Educ: Colo State Univ, BS, 51; Cornell Univ, PhD(physics), 60. Prof Exp: Physicist, Navy Electronics Lab, 51-53; asst physics, Cornell Univ, 53-54 & 56-60; res staff mem, Gen Atomic Div, Gen Dynamics Corp, 60-67 staff mem, Gulf Radiation Technol Div, Gulf Energy & Environ Sys, 1-67-74; missile & aircraft tests, US Air Force, 78-85; TACTICAL TESTS INFO DISTRIB, COMPUT SCI CORP, 85. Mem: AAAS; Am Phys Soc; Soc Explor Geophys. Res: Solid state theory, especially as related to direct energy conversion devices and radiation damage in solids; seismic methods of geophysical exploration; computer simulation of aircraft/missile missions. Mailing Add: 2030 Karren Ln Carlsbad CA 92008
- COLWELL, RITA R**, b Beverly, Mass, Nov 23, 34; m 56; c 2. MICROBIOLOGY. Educ: Purdue Univ, BS, 56, MS, 58; Univ Wash, PhD(marine microbiol), 61. Hon Degrees: DSc, Heriot-Watt Univ, Edinburgh, Scotland, 87. Prof Exp: Res asst prof, Univ Wash, 61-64; vis asst prof, Georgetown Univ, 63-64, from asst prof to assoc prof biol, 64-72, PROF MICROBIOL, UNIV MD, 72; dir, 78-83, Md Sea Grant Col, vpres acad affairs, 83-87; DIR, MD BIOTECHNOL INST, 87. Concurrent Pos: Guest scientist, Nat Res Coun Can, 61-63; mem classification res group, London; mem bd trustees, Am Type Cult Collection, chmn, 80; consult, Bur Higher Educ, Dept Health, Educ & Welfare, 68-78; consult div res grants, NIH, 70; consult adv comt sci educ & biolog oceanog, NSF, 70-81; consult, Environ Protection Agency, 75; mem res adv comt, AID, 82, Nat Sci Bd, 83-90. Honors & Awards: Phi Sigma Serv Award, Am Chem Soc, 75; Fisher Award, Am Soc Microbiol, 85. Mem: Fel AAAS; Am Soc Microbiol (pres, 84-85); Soc Invert Path; fel Soc Indust Microbiol; fel Am Acad Microbiol. Res: Marine microbiology; numerical taxonomy; uses of computers in biology and medicine; microbial ecology and systematics. Mailing Add: Dept Microbiol Univ Md College Park MD 20742
- COLWELL, ROBERT KNIGHT**, b Denver, Colo, Oct 9, 43; div; c 1. ECOLOGY, EVOLUTION. Educ: Harvard Univ, AB, 65; Univ Mich, Ann Arbor, PhD(zool), 69. Prof Exp: Asst to cur econ & ethnobot, Bot Mus, Harvard Univ, 66; Ford Found fel math biol, Univ Chicago, 69-70; asst prof, 70-76, ASSOC PROF ZOOLOGY, UNIV CALIF, BERKELEY, 76. Concurrent Pos: Coordr, Org Trop Studies grad course in trop biol, 71. Mem: AAAS; Am Soc Naturalists; Asn Trop Biol; Ecol Soc Am; Soc Study Evolution. Res: Ecology and evolution of biological communities; tropical biology; behavioral and theoretical ecology. Mailing Add: Dept Zool Univ Calif Berkeley CA 94720
- COLWELL, ROBERT NEIL**, b Star, Idaho, Feb 4, 18; m 42; c 4. FOREST MENSURATION. Educ: Univ Calif, BS, 38, PhD(plant physiol), 42. Prof Exp: Asst bot, 38-42, from asst prof to assoc prof, 47-57, PROF FORESTRY, UNIV CALIF, BERKELEY, 57. ASSOC DIR SPACE SCI LAB, 69. DIR BERKELEY OFF, EARTH SATELLITE CORP, 70. Concurrent Pos: Chmn comt crop geog & veg anal, Nat Res Coun, 53-54. Honors & Awards: Abrams Award, 54; Fairchild Photograph Award, 57; Photo Interpretation Award, Ar Soc Photogram, 64. Mem: Soc Am Foresters; Am Soc Photogram (vpres, 56). Int Soc Photogram. Res: Identification and mapping of vegetation types from aerial and space photographs; use of radioactive tracers in biological studies; applications of remote sensing to the space sciences; aerospace and earth sciences. Mailing Add: Dept Forestry-Conserv Univ Calif Berkeley CA 94720
- COLWELL, WILLIAM MAXWELL**, b Blairsville, Ga, May 28, 31; m 56; c 4. VETERINARY MICROBIOLOGY. Educ: Berry Col, BS, 52; Univ Ga, DVM, 59, MS, 68, PhD(microbiol), 69; Am Col Vet Microbiologists, dipl. Prof Exp: Vet, Vanderbilt Vet Hosp, Durham, NC, 59-60 & diag lab, Ga Poultry Lab, Oakwood, 60-64; area vet, Elanco Prod Co, Ind, 64-66; Campbell fel, Avian Dis Res Ctr, Univ Ga, 66-69; asst prof vet sci, Univ Fla, 69-70; assoc prof poultry sci, NC State Univ, 70-74, prof vet sci, 74-78; DIR VET, RES & SERV LAB, HOLLY FARMS FOODS, INC, WILKESBORO, NC, 78. Mem: Am Asn Avian Pathologists; Am Vet Med Assn. Res: Avian disease research; epidemiology of avian tumor viruses; avian respiratory viruses; oncogenic viruses of poultry; organ culture techniques; bioassay of aflatoxins. Mailing Add: Holly Farms Foods Inc PO Box 88 Wilkesboro NC 28697
- COLWELL, WILLIAM TRACY**, b Joliet, Ill, Oct 18, 34; c 2. PHARMACEUTICAL CHEMISTRY, SYNTHETIC ORGANIC CHEMISTRY. Educ: Occidental Col, BA, 56; Univ Calif, Los Angeles, PhD(org chem), 62. Prof Exp: SR ORG CHEMIST PHARMACEUT CHEM, SRI INT, 62. Mem: Am Chem Soc. Res: Synthesis of pteridines and related heterocycles as antifolates; antiparasitic compounds; synthesis of prostaglandin metabolites and prostaglandin synthetase inhibitors. Mailing Add: SRI Int Menlo Park CA 94025
- COLWICK, REX FLOYD**, b Clifton, Tex, Mar 19, 22; m 43; c 1. AGRICULTURAL ENGINEERING. Educ: Tex A&M Univ, BS, 47, MS, 48. Prof Exp: Agr engr, USDA & Tex A&M Univ, 48-50, agr eng coordr, 51-81; invests leader crop prod sys res, USDA & prof agr & biol eng, Miss State Univ, 61-78, lab chief & location leader, Agr Res Serv, 78-80; RETIRED. Concurrent Pos: Consult, Cotton Res Adv Comt & Task Force, USDA, 55-78; consult agr eng, 81. Mem: Am Soc Agr Engrs. Res: Agricultural engineering research in crop production and harvesting equipment. Mailing Add: 1006 S Montgomery Starkville MS 39759
- COLWILL, JACK M**, b Cleveland, Ohio, June 15, 32; m 54; c 3. INTERNAL MEDICINE. Educ: Oberlin Col, BA, 55; Univ Rochester, MD, 57; Am Bd Internal Med, dipl, 64; Am Bd Family Practice, dipl, 77. Prof Exp: Intern, Barnes Hosp, Washington Univ, 57-58; res, Univ Wash Affiliated Hosps, 58-60, chief res, Univ Hosp, 60-61; from instr to sr instr med & dir med outpatient dept, Med Sch, Univ Rochester, 61-64; asst prof, 64-70, asst dean, Sch Med, 64-67, assoc dean, 67-69, assoc dean acad affairs, 69-76, actg chmn, Dep Family & Community Med, 76-77, ASSOC PROF MED, SCH MED, UNIV MO-COLUMBIA, 70. PROF FAMILY & COMMUNITY MED, 76. CHMN DEPT, 77. DIR FAMILY MED RESIDENCY PROG, MED CTR, 74. Mem: AMA; Asn Am Med Cols. Mailing Add: Dept Family & Community Med Sch Med Univ Mo Columbia MO 65201